

FILE NOTATIONS

Entered in N I D File	<input checked="" type="checkbox"/>	Checked by Chief	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>	Copy N I D to Field Office	<input checked="" type="checkbox"/>
Location Map Firmed	<input checked="" type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input type="checkbox"/>
I W R for State or Fee Land	<input type="checkbox"/>		

COMPLETION DATA:

Date Well Completed	11-16-59	Location Inspected	<input type="checkbox"/>
OW <input checked="" type="checkbox"/> WW <input type="checkbox"/> TA <input type="checkbox"/>		Bond released	<input type="checkbox"/>
GW <input type="checkbox"/> OS <input type="checkbox"/> PA <input type="checkbox"/>		State of Fee Land	<input type="checkbox"/>

LOGS FILED

Driller's Log 12-10-59

Electric Logs (No.) 3

E. ☒ I. ☒ E-I ☒ GR ☐ GR-N ☒ Micro ☒
 Lat. ☐ Mi-L ☐ Senle ☐ Others ☐

Scout Report

Noted in the N I D File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

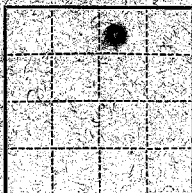
Gas-Oil Ratio Test

Well Log Filed

☒
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☒

11-16-59

4-3-20-62 This well is classified as a water injection well & is now shut-in waiting on water injection line. Started injecting as of April, 1962



(SUBMIT IN TRIPLICATE)

Indian Agency

Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Contract No. 1-145-Ind 8834

Allottee

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Lease No. 146022
Navajo Tribe "E"

Midland, Texas, July 20, 1959

Well No. 17 is located 820 ft. from ^(N) line and 1930 ft. from ^(E) line of sec. 8NW/4 NE/4 Sec. 8
(1/4 Sec. and Sec. No.)40-S
(Twp.)24-E
(Range)SLM
(Meridian)

Aneth

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4700 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE FORMATION

SIZE CASING

CASING PROGRAM (Approx.)

Top of Aneth: 5470'

1500' - 8-3/8"
5670' - 4-1/2"24# New
9.5# NewSet at
1500'
5670'Cement
1000 sx.
250 sx.

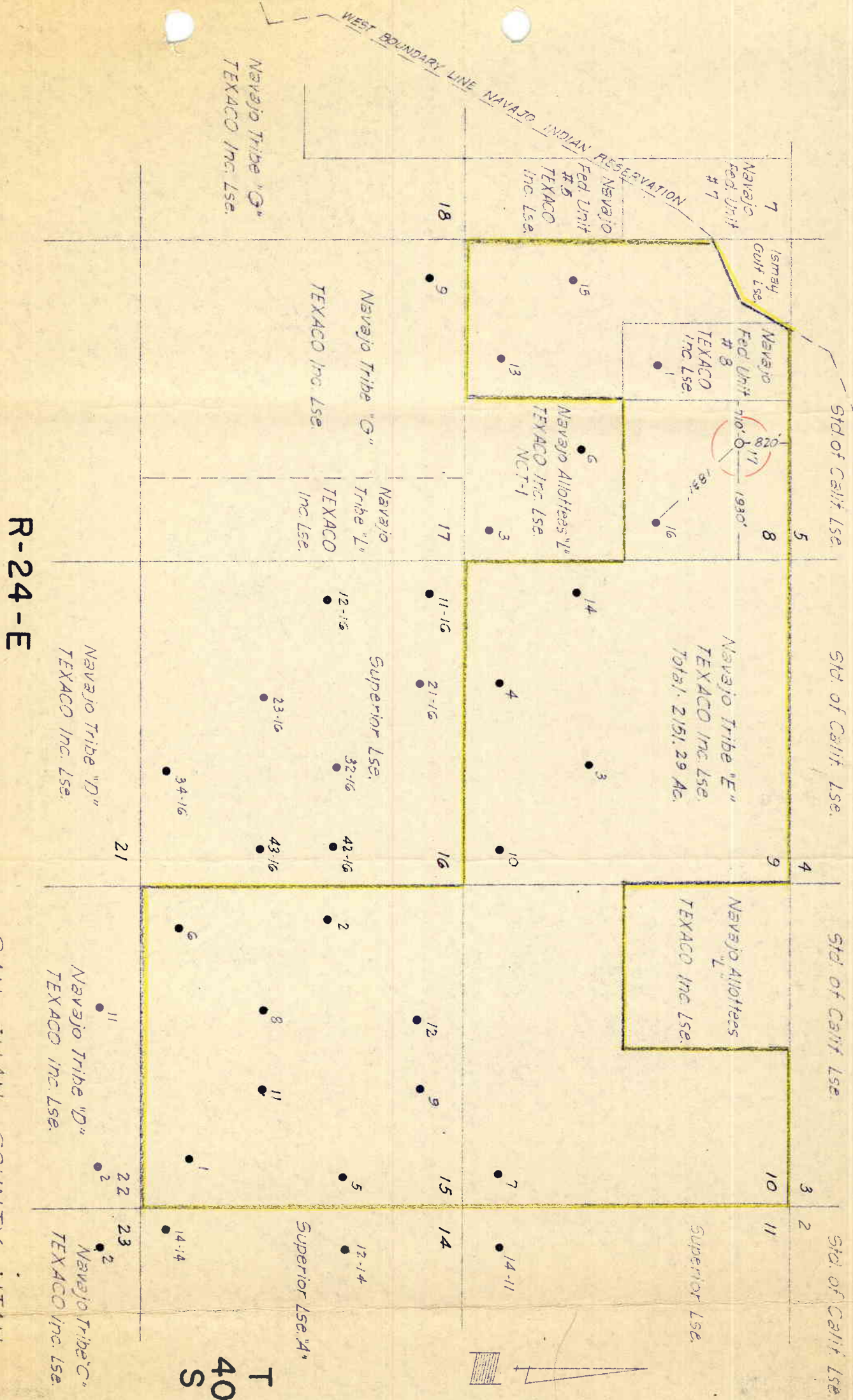
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXACO Inc.**
P. O. Box 3109
Address **Midland, Texas**

TEXACO Inc.

By

J. J. Volten
Title **Division Civil Engineer**



This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

Division Civil Engineer
Texaco Inc.

Registered Professional Engineer - State of Texas

July 23, 1959

Texaco, Inc.
P. O. Box 3109
Midland, Texas

Attention: J. J. Velten,
Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe E-17, which is to be located 820 feet from the north line and 1930 feet from the east line of Section 8, Township 40 South, Range 24 East, SLM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:co

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 1-149-IND-8834

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "E"

September 17, 1959

Well No. 17 is located 820 ft. from N line and 1930 ft. from E line of sec. 8

NE 1/4 of Sec. 8 (1/4 Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) S1M (Meridian)

Aneth (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4700 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 12:45 A.M., August 12, 1959.

Drilled 17-1/4" hole to 109' and cemented 95' of 13-3/8" O.D. casing at 109' with 125 sacks of cement. Cement circulated.

Drilled 11" hole to 1518' and cemented 1508' of 8-5/8" O.D. casing at 1518' with 1000 sacks of cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO INC.

Address Box 817

Farmington, New Mexico

By [Signature]

Title District Superintendent

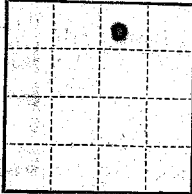
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. I-149-IND-8834



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NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "E"

October 29, 1959

Well No. 17 is located 820 ft. from N line and 1930 ft. from E line of sec. 8

NE 1/4 of Sec. 8 40-S 24-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Aneth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4700 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled 6-3/4" hole to 5665' and cemented 5656' of 4-1/2" OD casing at 5665' with 250 sacks of cement. Top of cement 4160'. Tested casing with 1000# pressure for 30 minutes. Tested OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO INC.

Address Box 817

Farmington, New Mexico

By C. H. McLeod

Title Asst. Dist. Supt.

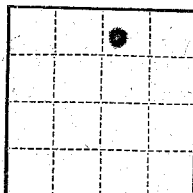
(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. **I-149-IND-8834**



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "E"

November 12, 19**59**

Well No. **17** is located **820** ft. from **[N]** line and **1930** ft. from **[E]** line of sec. **8**

NE 1/4 of Sec. 8
(1/4 Sec. and Sec. No.)

40-S
(Twp.)

24-E
(Range)

SLM
(Meridian)

Aneth
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is **4700** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 5665'. Plugged back depth 5635'.

Perforated 4-1/2" casing from 5584' to 5593' and 5616' to 5624' with 4 jet shots per foot. Ran 2" tubing to 5575' with packer at 5542' and acidized perforations in 2 stages with 1700 gallons of regular 15% acid with low surface tension material added.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXACO INC.**

Address **Box 817**

Farmington, New Mexico

By

Title **Dist. Supt.**

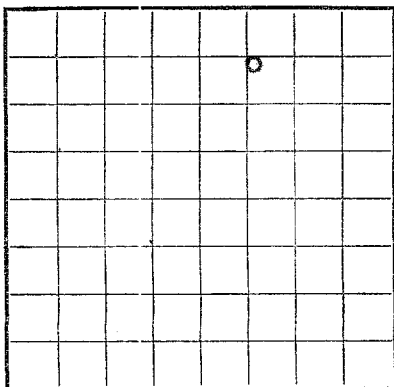
U. S. LAND OFFICE

Nava Jo

SERIAL NUMBER

I-149-IND-8834

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address Box 817, Farmington, New Mex.
Lessor or Tract Nava Jo Tribe "E" Field Aneth State Utah
Well No. 17 Sec. 8 T 40-SR24-E Meridian SLM County San Juan
Location 320 ft. N. of S. Line and 1930 ft. W. of E. Line of Section 8 Elevation 4700'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date December 7, 1959Title Dist. Sup't.

The summary on this page is for the condition of the well at above date.

Commenced drilling August 12, 1959 Finished drilling August 30, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5524' to 5524' No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	5	Smith	5508	None	None			
8-5/8	24	5	Smith	5508	None	None			
4-1/2	19.5	5	Smith	5508	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	109	125	Halliburton		
8-5/8	1518	1000	Halliburton		
4-1/2	5656	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

1-1/2 5656 250 Halliburton

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **---** Depth set **---**

Adapters—Material **None** Size **---**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from **0** feet to **5665** feet, and from **---** feet to **---** feet

Cable tools were used from **None** feet to **---** feet, and from **---** feet to **---** feet

DATES

---, 19**---** Put to producing **Tested November 16¹⁹ 59**

The production for the first 24 hours was **100** barrels of fluid of which **68** % was oil; **---** % emulsion; **32** % water; and **---** % sediment.

Gravity, °Bé. **41°**

If gas well, cu. ft. per 24 hours **---** Gallons gasoline per 1,000 cu. ft. of gas **---**

Rock pressure, lbs. per sq. in. **---** Pump test. **74" stroke with 13 strokes per minute.**

EMPLOYEES

O. H. Davenport

, Driller

Price Young

, Driller

Freeman Smith

, Driller

, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	115	115	Sand & Shells
115	255	140	Red Bed, Sand & Anhydrite
255	1515	1260	Sand & Shale
1515	1600	85	Red Bed & Shells
1600	2980	1380	Sand, Shale & Anhydrite
2980	3374	394	Sand & Shale
3374	3746	372	Sand, Shale & Anhydrite
3746	4473	727	Shale & Anhydrite
4473	4616	143	Shale
4616	4700	84	Shale & Lime
4700	4926	226	Shale
4926	4987	61	Shale & Lime
4987	5042	55	Shale
5042	5665	623	Lime & Shale
Total Depth 5665'			
Plugged Back Depth 5635'			
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)
FORMATION RECORD—Continued

10-3004-

FOKXWILION RECORD

All measurements from derrick floor, 10' above ground.

2. PLATE

DLYJGL

2 Differ

EMPLOYEES

gock blesant' ipa bel ad ip

~~CONFIDENTIAL~~

71 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000 26000 28000 30000 32000 34000 36000 38000 40000 42000 44000 46000 48000 50000 52000 54000 56000 58000 60000 62000 64000 66000 68000 70000 72000 74000 76000 78000 80000 82000 84000 86000 88000 90000 92000 94000 96000 98000 100000

Expenses Insurance per 1'000 cu. ft. of gas

segment	no	date	no	segment
1	1	1/1/1970	1	1
2	2	2/1/1970	2	2
3	3	3/1/1970	3	3
4	4	4/1/1970	4	4
5	5	5/1/1970	5	5
6	6	6/1/1970	6	6
7	7	7/1/1970	7	7
8	8	8/1/1970	8	8
9	9	9/1/1970	9	9
10	10	10/1/1970	10	10
11	11	11/1/1970	11	11
12	12	12/1/1970	12	12
13	13	13/1/1970	13	13
14	14	14/1/1970	14	14
15	15	15/1/1970	15	15
16	16	16/1/1970	16	16
17	17	17/1/1970	17	17
18	18	18/1/1970	18	18
19	19	19/1/1970	19	19
20	20	20/1/1970	20	20
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23	23	23/1/1970	23	23
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25	25	25/1/1970	25	25
26	26	26/1/1970	26	26
27	27	27/1/1970	27	27
28	28	28/1/1970	28	28
29	29	29/1/1970	29	29
30	30	30/1/1970	30	30
31	31	31/1/1970	31	31
32	32	32/1/1970	32	32
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36	36	36/1/1970	36	36
37	37	37/1/1970	37	37
38	38	38/1/1970	38	38
39	39	39/1/1970	39	39
40	40	40/1/1970	40	40
41	41	41/1/1970	41	41
42	42	42/1/1970	42	42
43	43	43/1/1970	43	43
44	44	44/1/1970	44	44
45	45	45/1/1970	45	45
46	46	46/1/1970	46	46
47	47	47/1/1970	47	47
48	48	48/1/1970	48	48
49	49	49/1/1970	49	49
50	50	50/1/1970	50	50
51	51	51/1/1970	51	51
52	52	52/1/1970	52	52
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56	56	56/1/1970	56	56
57	57	57/1/1970	57	57
58	58	58/1/1970	58	58
59	59	59/1/1970	59	59
60	60	60/1/1970	60	60
61	61	61/1/1970	61	61
62	62	62/1/1970	62	62
63	63	63/1/1970	63	63
64	64	64/1/1970	64	64
65	65	65/1/1970	65	65
66	66	66/1/1970	66	66
67	67	67/1/1970	67	67
68	68	68/1/1970	68	68
69	69	69/1/1970	69	69
70	70	70/1/1970	70	70
71	71	71/1/1970	71	71
72	72	72/1/1970	72	72
73	73	73/1/1970	73	73
74	74	74/1/1970	74	74
75	75	75/1/1970	75	75
76	76	76/1/1970		

Q187A

The block action for the first 24 points was

barrels of fluid of which ----- % was oil ----- %

За се владее.

DALES

Cable tools were used from 100 feet to 100 feet and from 100 feet to 100 feet.

WORLD POOLS AND SNAKE FLOTH ----- 1968 PO ----- 1968' AND FLOTH ----- 1968 PO ----- 1968

100% USED

№ п/п	Имя, фамилия, отчество	Дата рождения	Пол	Возраст	Стаж	Средняя зарплата	Средняя зарплата на одного человека
1	Иванов Иван Иванович	1980-01-01	М	43	10	15000	15000
2	Петров Петр Петрович	1985-03-15	М	38	5	12000	12000
3	Сидоров Сергей Сергеевич	1990-07-20	М	33	3	10000	10000
4	Климов Алексей Александрович	1995-11-10	М	28	1	8000	8000
5	Васильев Дмитрий Дмитриевич	2000-05-05	М	23	0	6000	6000
6	Попов Павел Павлович	2005-09-01	М	18	0	4000	4000
7	Смирнов Александр Александрович	2010-12-12	М	13	0	2000	2000
8	Морозов Михаил Михайлович	2015-06-06	М	8	0	1000	1000
9	Новиков Николай Николаевич	2020-02-02	М	3	0	500	500
10	Зайцев Роман Романович	2025-08-08	М	0	0	0	0

PROJECTING RECORD

Vogelbreit - 7/8 polster

UFGAUG 0136-1980197 1980pp 1980pp 364

ETNCS AND VDVBLEKZ

[illegible]

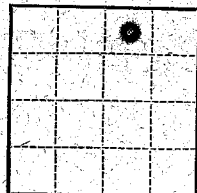
(SUBMIT IN TRIPLICATE)

Indian Agency Nava, Jo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-8834



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 20, 1962

Aneth Unit

Well No. 0108 is located 820 ft. from N line and 1930 ft. from E line of sec. 8

NE 1/4 of Sec. 8

40-S

24-E

SLM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Aneth

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4700 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Moved in pulling unit and commenced workover 1-7-62. Ran tubing with bit and encountered plug at 5621'. After drilling and milling on plug for 15 days, ran wire line and found total depth to be 5640'. Perforated 4-1/2" casing from 5636 1/2' to 5637 1/2' with 8 jet shots. Set packer at 5631' and treated perforations from 5636 1/2' to 5637 1/2' with 1000 gallons of HCLST acid and 2000 gallons of emulsified acid. Pulled packer and reran tubing with retrievable bridge plug and packer. Set bridge plug at 5605' and packer at 5570'. Treater perforations 5584' to 5593' with 2000 gallons retarded acid. After completing treatment, pulled tubing with packer and bridge plug. Ran 2-3/8" plastic lined tubing with Baker Injection Packer and set packer at 5519'. Put inhibitor behind packer and tested with 1000#

(Cont'd. on reverse side)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address P. O. Box 810

Farmington, N. M.

By [Signature]

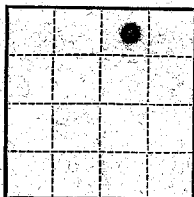
Title District Superintendent

pressure. Packer tested OK. Completed workover and shut well in 1-22-62. This well is now a water injection well and was shut-in waiting on water injection line.

MAR 21 1962

Copy H. L. C.
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-8834

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

See Corrected Report
October 17, 19 62

Aneth Unit
Well No. 0108 is located 820 ft. from [N] line and 1930 ft. from [E] line of sec. 8
NE 1/4 of Sec. 8 40-S 24-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Aneth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4700 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Moved in pulling unit and commenced workover 8-8-62.

Reason for workover was to complete well in Subzone II for water injection into that zone.

Pulled 2-3/8" plastic lined tubing with packer stinger. Drilled out packer at 5519', bridge plug at 5640' and open hole from 5665' to 5710'. Perforated 4-1/2" casing from 5737' to 5750' with 2 jet shots per foot. Set bridge plug at 5655' and packer at 5620'. Treated perforations from 5737' to 5750' with 500 gallons of HCLST acid followed by 2000 gallons of emulsified retarded acid. Treating pressure 3000 to 1400 PSI with an injection rate of 5 barrels per minute.
(Continued on reverse side)

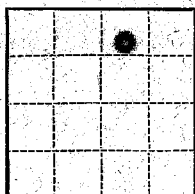
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address P. O. Box 810
Farmington, New Mexico

By E. C. HALL

Title District Accountant



CORRECTED REPORT

Copy H. L. C.
(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

Indian Agency Navajo

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Allottee _____

Lease No. **I-149-IND-8834**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	X
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

E-17 October 23, 1962
Aneth Unit
Well No. 0108 is located 820 ft. from N line and 1930 ft. from E line of sec. 8
NE 1/4 of Sec. 8 **40-S** **24-E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Aneth **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4700 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This report is to correct and replace report dated October 17, 1962.

Moved in pulling unit and commenced workover 8-8-62.

Reason for workover was to complete well in Subzone II for water injection into that zone.

Pulled 2-3/8" plastic lined tubing with packer stinger. Drilled out packer at 5519', bridge plug at 5640' and open hole from 5665' to 5710'. Perforated 4-1/2" casing from 5637' to 5650' with 2 jet shots per foot. Set bridge plug at 5655' and packer at 5620'. Treated perforations from 5637' to 5650' with 500 gallons of NELST acid followed by 2000 gallons of emulsified retarded acid. Treating pressure (OVER)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

(continued on reverse side)

Company TEXACO Inc.

Address P. O. Box 810

Farmington, New Mexico

By *C. P. [Signature]*

Title District Accountant

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT R CATE*
(Other instructions on re-
verse side)Form approved. *PMB*
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection	5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-8834
2. NAME OF OPERATOR TEXACO Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR Box 810, Farmington, New Mexico 87401	7. UNIT AGREEMENT NAME Anoth Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820' from North Line and 1930' from East Line	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. 0108
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4700' DF	10. FIELD AND POOL, OR WILDCAT Anoth
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 8, 40-S, 24-E, SLM
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Reason for workover was to increase injectivity.**Commenced workover on 6-11-65. After back flowing, treated all perforations through tubing with 600 gallons of Dowell XL-1 acid. Treating pressure 1950 to 1150 psi with an average injection rate of 3-1/4 barrels per minute. Instant shut-in pressure 1100 psi. Back flowed well and returned to injection. Injected 340 barrels of water on 24 hour test ending 10:00 AM, 6-15-65.**

18. I hereby certify that the foregoing is true and correct

SIGNED *C.P. Farmer*TITLE **District Superintendent** DATE **June 28, 1965**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

USGS(3) OGCC(2)NT(1) CBS(1) WDB(1) - 8

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT THE DATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

1-149-IND-8834

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

0108

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

8, T40S, R24E, S1M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER **Water injection**

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

Box 810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

820' from North line and 1930' from East line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4700' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

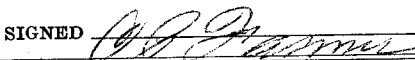
WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Reason for workover was to increase injectivity by acidizing.

Commenced workover on 9-19-66. Tested casing annulus and found packer leaking. Moved in pulling unit, pulled tubing, replaced stringer in packer and reran tubing. Filled annulus with inhibited water. Treated all perforations (5584' to 5593', 5616' to 5624', 5636' to 5650') and open hole (5665' to 5710') with 9,000 gallons of 15% HCl acid, in three equal stages with 1,000 gallons salt gel plug between stages one and two and 500 gallons salt gel plug between stages two and three. Treating pressure 4,000 to 3,000 psi with an average injection rate of 4.5 barrels per minute. Instant shut-in pressure 2,700 psi, five minute shut-in pressure 2,400 psi, ten minute shut-in pressure 2,150 psi, 15 minute shut-in pressure 2,000 psi. Returned well to injection status. Injected 1,094 barrels of water into well on 24 hour test ending 10:00 AM, 9-27-66.

18. I hereby certify that the foregoing is true and correct

SIGNED



(This space for Federal or State office use)

TITLE

District Superintendent

DATE

11/29/66

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other instructions on
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well	5. LEASE DESIGNATION AND SERIAL NO. I-149-IND.-8834
2. NAME OF OPERATOR TEXACO, Inc. Prod. Dept. West US	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box EE, Cortez, Colo. 81321	7. UNIT AGREEMENT NAME Aneth Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface nw¼sec 4 820' from North line and 1930' from East line.	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. G108
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4700' DF	10. FIELD AND POOL, OR WILDCAT Aneth Unit
	11. SEC., T. B., M., OR BLK. AND SURVEY OR AREA S8-T40S-R24E
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TEXACO plans to abandon this well because the casing has collapsed around the tubing and it is not economically repairable. The 4½" casing is collapsed at 2457'. The proposed abandonment procedure is as follows:

- 1) MIRUSU. Run tubing to 2440' (right above collapse).
- 2) Pump 100 sx class B cement thru tubing to Desert Creek pay. Displace 90 sx to the formation and leave 10 sx in wellbore.
- 3) Spot 25 sx cement plug across and above collapse area (at 2457').
- 4) Fill hole with mud. Spot 25 sx plug (15 sx between 8-5/8" surface string and 4½" long string and 10 sx inside 4½").
- 5) Erect dry hole marker and clean location.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MININGDATE: 1/5/78BY: Ph. Marshall

18. I hereby certify that the foregoing is true and correct

SIGNED Alvin R. MayTITLE Field ForemanDATE 12-28-77

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

USGS(4) UOGCC(3) The Navajo Tribe-The Superior Oil Co.-GLE-ARM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instructions
reverse side)TE
reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND.-8834

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

G108

10. FIELD AND POOL, OR WILDCAT

Aneth Unit

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

S8-T40S-R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ WELL GAS ☐ WELL OTHER ☐ Water Injection Well
2. NAME OF OPERATOR
TEXACO, Inc.
3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, CO. 81321
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NW $\frac{1}{4}$ NE $\frac{1}{4}$
820' from North line and 1930' from East line.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4700' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

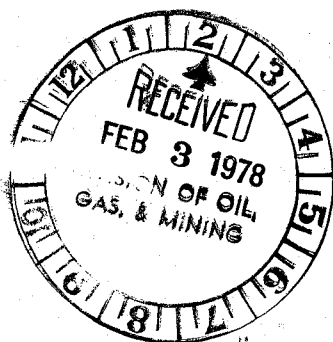
TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1-19-78. MIRUSU. Pumped 100 sx. class B cement through tubing to Desert Creek pay. Displaced 90 sx. to the formation and left 10 sx in wellbore. Spot 25 sx cement plug across and above collapse area at 2457'. Filled hole with mud. Spotted 25 sx plug (15 sx between 8-5/8" surface string and 4 1/2" long string and 10 sx inside 4 1/2"). Put up dry hole marker and cleaned location.



18. I hereby certify that the foregoing is true and correct

SIGNED

Alvin R. Marx

TITLE

Field Foreman

DATE

1-31-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(4) UOGCC(3) The Navajo Tribe-The Superior Oil Co.-GLE-ARM